

ECS/EMD Configuration Change Request

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Page(s)

1. Originator Robert Hartranft	2. Log Date: 06/08/04	3. CCR #: 04-0285	4. Rev:	5. Tel: 301-925-0997	6. Rm #: 3009	7. Org. CUSTOM C
8. CCR Title: Delivery of Technical Directive for Performance Improvement for OMS patch 7020						
9. Originator Signature/Date Robert Hartranft /s/ 06/08/04			10. Class II	11. Type: CCR	12. Need Date: 06/10/04	
13. CCR Sponsor Signature/Date Art Cohen /s/ 06/08/04			14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 910-TDA-025			17. Schedule Impact: N/A		18. CI(s) Affected:ACMHW	
19. Release Affected by this Change: 7		20. Date due to Customer: 06/10/04		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR ECSed40606 - OMS DB patch 7020 taking too long, ~1.5 hrs per 5000 rows						
23. Problem: (use additional Sheets if necessary) The OMS patch 7020 copies data from the existing OmGranule table to a new table. If there are a large number of rows then the patch takes a long time to execute.						
24. Proposed Solution: (use additional sheets if necessary) Add an index to the OmGranule table on the column GranuleId. See additional sheet for Technical Directive Implementation.						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The patch may take a long time to execute.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. SCDV CCB Chair (Sign/Date): Byron Peters /s/ 06/08/04			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			